https://www.zabbix.com/documentation/3.2/lib/plugins/indexmenu/images/thread/folderhopen.gifCCDCM\_API

# 用户

## > User object

he following objects are directly related to the user API.

### User

The user object has the following properties.

| **Property** | **Type** | **Description** |
| --- | --- | --- |
| userid | string | (readonly) ID of the user. |
| **alias**  (required) | string | User alias. |
| attempt\_clock | timestamp | (readonly) Time of the last unsuccessful login attempt. |
| attempt\_failed | integer | (readonly) Recent failed login attempt count. |
| attempt\_ip | string | (readonly) IP address from where the last unsuccessful login attempt came from. |
| autologin | integer | Whether to enable auto-login.   Possible values:  0 - (default) auto-login disabled;  1 - auto-login enabled. |
| autologout | integer | User session life time in seconds. If set to 0, the session will never expire.   Default: 900. |
| lang | string | Language code of the user's language.   Default: en\_GB. |
| name | string | Name of the user. |
| refresh | integer | Automatic refresh period in seconds.   Default: 30. |
| rows\_per\_page | integer | Amount of object rows to show per page.   Default: 50. |
| surname | string | Surname of the user. |
| theme | string | User's theme.   Possible values:  default - (default) system default;  blue-theme - Blue;  dark-theme - Dark. |
| type | integer | Type of the user.   Possible values:  1 - (default) user;  2 - admin;  3 - super admin. |
| url | string | URL of the page to redirect the user to after logging in. |

## user.addmedia

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### Description

object user.addmedia(object **parameters**)

This method allows to add new media to multiple users.

### Parameters

(object) Parameters defining the media to create and the users to add them to.

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| **medias**  (required) | object/array | Media to create for the given users.   The media userid property must not be defined. |
| **users**  (required) | object/array | Users to add the media to.   The users must have the userid property defined. |

### Return values

(object) Returns an object containing the IDs of the created media under the mediaids property.

## user.create

### Description

object user.create(object/array **users**)

This method allows to create new users.

### Parameters

(object/array) Users to create.

Additionally to the [standard user properties](https://www.zabbix.com/documentation/3.2/manual/api/reference/user/object#user), the method accepts the following parameters.

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| **passwd**  (required) | string | User's password. |
| **usrgrps**  (required) | array | User groups to add the user to.   The user groups must have the usrgrp property defined. |
| user\_medias | array | Media to create for the user.   The media userid property must not be defined. |

### Return values

(object) Returns an object containing the IDs of the created users under the userids property. The order of the returned IDs matches the order of the passed users.

## user.delete

### Description

object user.delete(array **users**)

This method allows to delete users.

### Parameters

(array) IDs of users to delete.

### Return values

(object) Returns an object containing the IDs of the deleted users under the userids property.

## user.deletemedia

## user.get

### Description

integer/array user.get(object **parameters**)

The method allows to retrieve users according to the given parameters.

### Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| mediaids | string/array | Return only users that use the given media. |
| mediatypeids | string/array | Return only users that use the given media types. |
| userids | string/array | Return only users with the given IDs. |
| usrgrpids | string/array | Return only users that belong to the given user groups. |
|  | | |
| getAccess | flag | Adds additional information about user permissions.   Adds the following properties for each user:  gui\_access - (integer) user's frontend authentication method. Refer to the gui\_accessproperty of the [user group object](https://www.zabbix.com/documentation/3.2/manual/api/reference/usergroup/object#user_group) for a list of possible values.  debug\_mode - (integer) indicates whether debug is enabled for the user. Possible values: 0 - debug disabled, 1 - debug enabled.  users\_status - (integer) indicates whether the user is disabled. Possible values: 0 - user enabled, 1 - user disabled. |
| selectMedias | query | Return media used by the user in the medias property. |
| selectMediatypes | query | Return media types used by the user in the mediatypes property. |
| selectUsrgrps | query | Return user groups that the user belongs to in the usrgrps property. |
|  | | |
| sortfield | string/array | Sort the result by the given properties.   Possible values are: userid and alias. |
| countOutput | flag | These parameters being common for all get methods are described in detail in the [reference commentary](https://www.zabbix.com/documentation/3.2/manual/api/reference_commentary#common_get_method_parameters). |
| editable | boolean |
| excludeSearch | flag |
| filter | object |
| limit | integer |
| output | query |
| preservekeys | flag |
| search | object |
| searchByAny | boolean |
| searchWildcardsEnabled | boolean |
| sortorder | string/array |
| startSearch | flag |

### Return values

(integer/array) Returns either:

* an array of objects;
* the count of retrieved objects, if the countOutput parameter has been used.

## user.isreadable

## user.iswritable

## user.login

### Description

string/object user.login(object **parameters**)

This method allows to log in to the API and generate an authentication token.

### Parameters

This method is available to unauthenticated users and must be called without the authparameter in the JSON-RPC request.

(object) Parameters containing the user name and password.

The method accepts the following parameters.

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| **password**  (required) | string | User password. Unused for HTTP authentication. |
| **user**  (required) | string | User name. |
| userData | flag | Return information about the authenticated user. |

When using HTTP authentication, the user name in the API request must match the one used in the Authorization header. The password will not be validated and can be omitted.

### Return values

(string/object) If the userData parameter is used, returns an object containing information about the authenticated user.

Additionally to the [standard user properties](https://www.zabbix.com/documentation/3.2/manual/api/reference/user/object#user), the following information is returned:

| **Property** | **Type** | **Description** |
| --- | --- | --- |
| debug\_mode | boolean | Whether debug mode is enabled for the user. |
| gui\_access | integer | User's authentication method to the frontend.   Refer to the gui\_access property of the [user group object](https://www.zabbix.com/documentation/3.2/manual/api/reference/usergroup/object#user_group) for a list of possible values. |
| sessionid | string | Authentication token, which must be used in the following API requests. |
| userip | string | IP address of the user. |

If a user has been successfully authenticated after one or more failed attempts, the method will return the current values for the attempt\_clock, attempt\_failed and attempt\_ipproperties and then reset them.

If the userData parameter is not used, the method returns an authentication token.

The generated authentication token should be remembered and used in the auth parameter of the following JSON-RPC requests. It is also required when using HTTP authentication.

## user.logout

### Description

string/object user.logout(array)

This method allows to log out of the API and invalidates the current authentication token.

### Parameters

(array) The method accepts an empty array.

### Return values

(boolean) Returns true if the user has been logged out successfully.

## user.update

### Description

object user.update(object/array **users**)

This method allows to update existing users.

### Parameters

(object/array) User properties to be updated.

The userid property must be defined for each user, all other properties are optional. Only the passed properties will be updated, all others will remain unchanged.

Additionally to the [standard user properties](https://www.zabbix.com/documentation/3.2/manual/api/reference/user/object#user), the method accepts the following parameters.

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| passwd | string | User's password. |
| usrgrps | array | User groups to replace existing user groups.   The user groups must have the usrgrpid property defined. |

### Return values

(object) Returns an object containing the IDs of the updated users under the userids property.

## user.updatemedia

## user.updateprofile